

Palsonic

INSTRUCTION MANUAL

PORTABLE RADIO CASSETTE
RECORDER WITH CD PLAYER

PRC-241

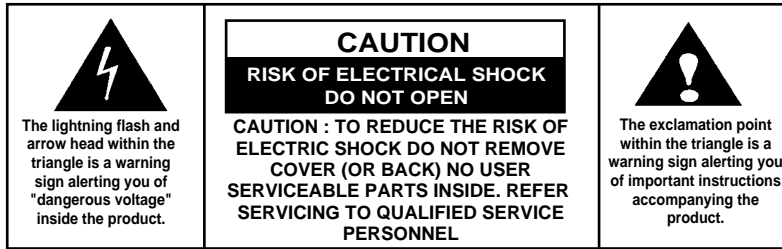


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SAFETY INSTRUCTIONS

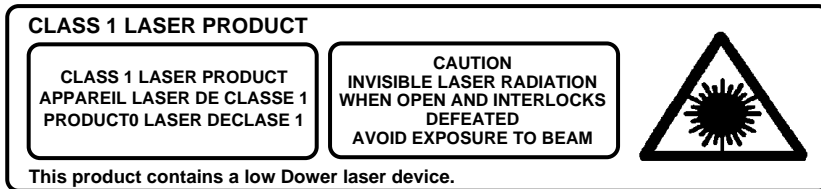
WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



THESE IMPORTANT SAFETY INSTRUCTIONS INCLUDE, AS APPLICABLE TO THE APPLIANCE, STATEMENTS THAT CONVEY TO THE USER THE INFORMATION ITEMISED IN THESE PARAGRAPHS:

1. Read instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings -All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow instructions - All operation and use instructions should be followed.
5. Water and Moisture - The appliance should not be used near water; for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
6. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed; sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
7. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
8. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
9. Grounding or Polarisation - Precautions should be taken so that the grounding or polarisation means of an appliance is not defeated.
10. Power-Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles and the point where they exit from the appliance. plug specified by the manufacturer that has the same overload protection as the original plug.
11. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
12. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

13. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
14. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
15. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.



Follow the advice below for safe and appropriate operations

ON PLACEMENT

- Do not use the unit in places which are extremely hot, cold, dusty or humid.
- Place the unit on a flat and even surface.
- Do not restrict the air-flow of the unit by placing it in a place with poor ventilation by covering it with a cloth or by placing it on a carpet.

ON PROTECTION AGAINST LASER ENERGY EXPOSURE

- As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.
- Stop operation immediately if any liquid or solid object should fall into the cabinet.
- Do not touch the lens or poke at it. If you do, you may damage the lens and the player may not operate properly.
- Do not put anything in the safety slot. If you do, the laser diode will be ON when the CD door is still open.

If the unit is not to be used for a long period of time, make sure that all power sources are disconnected from the unit. Remove all batteries from the battery compartment, and unplug the AC-DC adaptor from the wall outlet. Make it a practice to remove the AC-DC adaptor by grasping the main body and not by pulling the cord.

- This unit employs a laser. The use of controls or adjustment or performance of procedures other than those specified here may result in exposure to hazardous radiation.

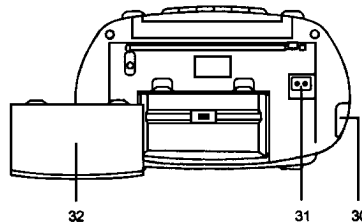
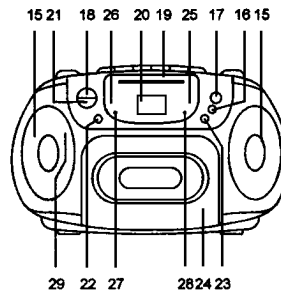
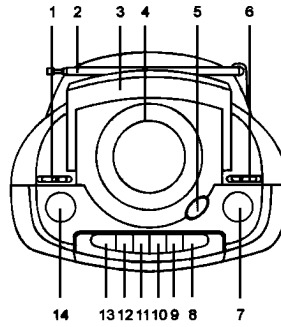
ON CONDENSATION

- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the unit.
- When there is condensation inside the unit, the unit may not function normally.
- Let it stand for 1 to 2 hours before turning the power on, or gradually heat the room up and dry the unit before use.

Should any trouble occurs, remove the power source and refer servicing to qualified personnel

FUNCTION AND CONTROLS

1. Function Selector
2. Telescopic Antenna
3. Folding Handle
4. CD Door
5. CD Door Open Button
6. Band Selector
7. Tuning Knob
8. Cassette Record Button (REC)
9. Cassette Play Button
10. Cassette Rewind Button (REW)
11. Cassette Fast Forward Button (F.FWD)
12. Cassette Stop/Eject Button
13. Cassette Pause Button
14. Rotary Volume Knob
15. Dynamic Speakers
16. CD Skip/Search Backward Button
17. CD Skip/Search Forward Button
18. CD Repeat Button
19. Dial Lens
20. LED Track Display
21. Program Button
22. CD Stop Button
23. CD Play/Pause Button
24. Cassette Door
25. CD Play/Pause Indicator
26. CD Repeat 1/All Indicator
27. CD Program Indicator
28. FM Stereo Indicator
29. Built-in Condenser Microphone
30. Stereo Headphone Jack
31. AC Power Socket
32. Battery Door



This CD Cassette Recorder operated on 8 x "D" size (UM-1) batteries or from line power supply.

POWER SOURCE

A. BATTERY OPERATION

1. Remove the Battery Door (#32).
2. Following the polarity diagram as shown on the Battery Door (#32) insert 8 x "D" size (UM-1) batteries (not included)

IMPORTANT: Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.

3. For better performance and longer operating time, we recommend the use of alkaline-type batteries.
4. Do not mix old and new batteries.
5. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
6. If the unit is not to be used for an extended period of time, remove the batteries. Old or leaking batteries can cause damage to the unit and may void the warranty.

B. AC OPERATION

When the AC power cord (included) is connected to the AC Power Socket (#31) at the back of the unit and the other end to a wall outlet with AC 230V 50Hz power supply, the unit will disconnect the batteries automatically, and operate on AC Power instead

CD PLAYER OPERATION

1. Set the Function Selector (#1) to the "CD" position and the LED Track Display (#20) will display "00"
2. Open the CD Door (#4) Carefully place an audio CD with its label side upward in the CD compartment and close the CD Door (#4) by pressing on the CD Door where indicated (#5).
3. The total number of tracks on the CD will appear in the LED Track Display after a few seconds.
4. Press the CD Play Button (#23) The CD Play Indicator (#25) will light and the CD will start playing from the first track.
5. Adjust the Volume Control (#14) to obtain the desired sound level from the Dynamic Speakers (#15).
6. To suspend playing, press the CD Pause Button (#23) and the CD Pause Indicator (#25) will flash. To resume playing, press the Pause Button again.
7. You can choose to play your favourite track directly by pressing either the Skip Forward Button (#17) or Skip Backward Button (#16). The LED Track Display (#20) will indicate the correct track number selected.
8. To locate a particular passage within a track, keep the CD Search Forward Button (#17) or CD Search Backward Button (#16) depressed until it is found.
9. To repeat a particular track, press the CD Repeat Button (#18) until the CD Repeat 1/All Indicator (#26) flashes.
10. To repeat the entire CD, press the Repeat Button (#18) until the CD Repeat 1/All Indicator (#26) lights steadily.
11. To stop playing, press the CD Stop Button (#22).
12. When you wish to turn off the CD Player, set the Function Selector (#1) to the "TAPE" position.

CD PROGRAMMED PLAY

This function allows the tracks to be played in a programmed sequence.

1. Press the Program Button (#21) once. The CD Program Indicator (#27) will flash and the LED Track Display (#20) will display "0" and blink.
2. Press the CD Skip Forward Button (#17) or CD Skip Backward Button (#16) to select the song to be programmed.
3. Press the Program Button (#21) again to store selection. The CD Program Indicator (#27) will flash and the LED Track Display (#20) will go to "0" and blink.
4. Press the CD Skip Forward Button (#17) or CD Skip Backward Button (#16) to select the next song to be programmed and press the Program Button to store selection.
5. You may repeat steps #1- #4 to program as many as 19 tracks. If you attempt to program more than 19 tracks, the LED Track Display (#20) will display "--" instead.
6. To check the programmed tracks, press Program Button (#21). The LED Track Display (#20) will display the track number. Press Program Button (#21) more times to check the following tracks.
7. Press CD Play Button (#23) to start playing in the programmed sequence.
8. To cancel programmed play, press the CD Stop Button (#22).

RADIO RECEPTION

1. Set the Function Selector (#1) to "RADIO" position.
2. Set the Band Selector (#6) to "AM" or "FM" for the desired radio band.
3. Adjust the Tuning Knob (#7) to select the desired radio station.
4. Adjust the Volume Control (#14) to obtain the desired sound level from the Dynamic Speakers (#15).
5. When you wish to turn off the Radio, set the Function Selector (#1) to the "TAPE" position.

TIPS FOR GOOD RADIO RECEPTION

1. To insure maximum FM tuner sensitivity, the Telescopic Antenna (#2) should be fully extended and rotated to obtain the best possible reception. The FM Stereo Indicator (#28) will light steadily when a stereo program is being received.
2. When tuning in AM reception, be sure to place the unit in a vertical position. To insure best AM sensitivity, try repositioning the unit until the best reception is obtained.

CASSETTE RECORDER OPERATION

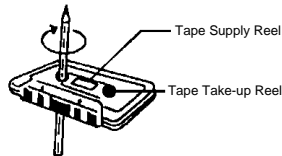
1. Open the Cassette Door (#24) and insert a pre-recorded cassette tape with the exposed tape facing upwards. Close the Cassette Door (#24).
2. Press the Cassette Play Button (#19) and adjust the Rotary Volume Control (#14) to obtain the desired sound level.
3. Press Cassette Pause Button (#13) to suspend play. Press same button again to resume.
4. Press the Cassette Fast Forward Button (#11) or the Cassette Rewind Button (#10) to rapidly advance or rewind the tape.
5. Press the Cassette Record Button (#8) to record from either Radio, Dynamic Built-in Condenser (#29) or CD. Use Function Selector (#1) to choose your signal source accordingly.
6. Press the Cassette Stop Button (#12) to stop operation.

AUTOMATIC STOP

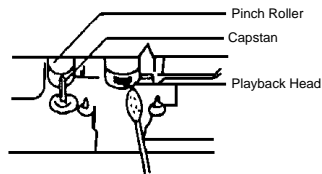
To protect your cassette tapes and prevent unnecessary wear to the pinch roller of the cassette mechanism, this unit is equipped with an Automatic Stop System. When the tape ends during play, the Cassette Play Button (#9) will automatically release to stop the cassette from running.

CASSETTE TAPE OPERATING TIPS

1. High quality tapes are recommended to obtain maximum quality reproduction from recordings.
2. Tapes with playing time of 120 minutes (C-120) are not recommended because they contain thinner and longer tape that has a greater chance to malfunction and jam, which may damage the cassette mechanism.
3. To obtain good reproduction, the head should be cleaned after every 10 to 20 hours of use. It is also recommended that the cassette be kept away from excessive heat or cold.
4. If there is slack in the tape, remove the slack prior to inserting the cassette. To remove the slack, insert a pencil into the hub and rotate clockwise as shown below:



5. A leader tape is provided at the beginning on each cassette. There is no recording on this area, so it is necessary to let the tape run for about five seconds to clear the head.
6. Keep the tape head clean since a dirty head can cause distorted sound or improper tape speed. Depress the Cassette Play Button and use a small cotton swab with tape head cleaner or alcohol to clean the tape head, capstan and pinch roller as shown below:



USING HEADPHONE (NOT INCLUDED)

Inserting the plug of your headphones into the Stereo Headphone Jack will enable you to listen to the CD, Radio or Cassette music in private. When using headphone, the Built-in Speakers will be disconnected.

READ THIS IMPORTANT INFORMATION BEFORE USING YOUR HEADPHONES

1. Avoid extended play at very high volume as it may impair your hearing.
2. If you experience ringing in your ears, reduce the volume or shut off your unit.
3. Do not use while driving a motorised vehicle. This is dangerous and also illegal in some countries.
4. Keep the volume at a reasonable level even if your headset is an open-air type designed to allow you to hear outside sounds. Please note excessively high volume may still block outside sounds.

CARE AND MAINTENANCE

1. Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
2. Avoid leaving your unit in direct sunlight or in hot, humid or dust places.
3. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
4. If drop-outs or interruptions occur in the music during CD play, or if the CD fails to play at all, its bottom surface may require cleaning. Before playing, wipe the disc from the centre outwards, with a good soft cleaning cloth.

SERVICE

Please instructions refer to the on the enclosed warranty card for returning your unit for service. When returning the unit, please remove batteries to prevent damage to the unit in transit and/or from possible battery leakage. We are not responsible for batteries returned with the product or for the cost of replacement.

TROUBLE SHOOTING GUIDE

<i>PROBLEMS</i>	<i>ITEMS TO CHECK</i>
No power supply.	Is the power cord unplugged or loose? Are batteries installed? Are the batteries properly aligned?
The cassette cannot be inserted.	Is the cassette facing the wrong direction when you try to insert it?
The tape does not run.	Is the PAUSE button on?
The tape gets caught in the tape transport mechanism.	Is the pinch-roller or capstan dirty? Is there excessive slack in the tape?
Tape running is unstable.	Is there excessive slack in the tape?
There is excessive noise, the sound quivers or there are breaks in the sound.	Are the heads dirty?
The ● REC button cannot be pressed.	Is the cassette dirty? Is the cassette erasure prevention tab broken off?
Recording cannot be done.	Are the heads dirty?
The previous recording cannot be erased.	Is the erasure head dirty?
CD play does not begin.	Is the CD upside down? Is the CD or lens excessively dirty? Is the disc holder closed properly? Is the function selector set to CD? Is the pause mode on?
The CD produces no sound.	Is there condensation inside the unit?
The CD sound jumps.	Is the lens or CD excessively dirty? Is the unit subject to excessive vibration? Are there any bad scratches on the CD?

TECHNICAL SPECIFICATIONS

GENERAL

Power Source 240V 50Hz
Power Consumption 18W
Dimensions (WxDxH) 298 x 230 x 165 mm
Weight 2.8 kgs

RADIO

Frequency Range AM 522 - 1620kHz
FM 87.5 - 108MHz

CASSETTE SECTION

Tape Speed 4.76CM/SEC
Frequency Response 125 - 6300Hz

AUDIO

Output Power 2W + 2W
Speaker 3.5" 4 Ohm

COMPACT DISC SECTION

Converter 1 bit D/A
Optical Pickup 3 - Beam Laser
Frequency Response 125Hz - 20kHz

ACCESSORY

Battery Not Included

Specification subjects to be changed without notice.

IM-A535-DW-GB-02

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